

Claim 54 (currently amended): ~~An implant for a cavity in the body of a patient, comprising a formed~~ The method of claim 36 for replacing a tissue or body part or filling a void in a tissue wherein the implant is formed of an aggregation of cells on first microcarrier particles which approximates the size and shape of the cavity in the patient's body, and an interface layer of cells between the formed aggregation of cells and the cavity in the patient's body, wherein the formed aggregation of cells are implanted in a substantially solid form following culturing of the cells on the micro carrier particles during a first time period, and wherein the interface layer of cells have been cultured on second microcarrier particles during a second time period which is substantially shorter than the first time period and have been applied while in a substantially fluid state.

Claim 55 (original): The implant of claim 54, wherein the cells on the formed aggregation of cells comprises chondrocytes, thereby resulting in an implant having cartilage properties.

Claim 56 (original): The implant of claim 55, wherein the formed aggregation of cells comprises a molded aggregation of cells.

Claim 57 (original): The implant of claim 54, wherein the interface layer of cells comprises cultured stem cells, thereby promoting the rapid integration of the formed aggregation of cells into the soft tissue, muscle or bone surrounding the body cavity.

Claims 58 - 70 (canceled).

Responsive to the Restriction requirement of June 30, 2006, applicants elect claims 36-38
Group II without traverse.

A copy of the elected claims are set forth above.

Applicants have also amended claims 54-57 to be dependent on the claims of the elected invention. Claims 54-57 now depend from elected claim 36 (and further limit claim 36). Applicants' amendment is seen to be proper in that claims 54-57 further limit claim 36 and no undue search burden will be placed on the Examiner by the amendment.

Applicants now request the examination of this application.

Respectfully submitted,

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SR/jjr (07/27/06)

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